

ABSTRACT OF THE DISCLOSURE

Coating agents with resin solids of

- 5 (a) 10 wt-% to 80 wt-% of a non-aromatic polyester polyol,
(b) 0 wt-% to 70 wt-% of at least one constituent selected from the group consisting of hydroxyl-functional binders that are different from polyester polyol (a), hydroxyl-functional reactive thinners and combinations thereof, and

- 10 (c) 20 wt-% to 60 wt-% of at least one cross-linking agent for the hydroxyl-functional components (a) and (b),

wherein the polyester polyol (a) has a calculated molecular mass from 600 to 1400, an acid value from 0 to 30 mg KOH/g and an hydroxyl value from 250 to 600 mg KOH/g with a calculated hydroxyl functionality from 4.5 to 10, and is composed of components which comprise

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(a1) hydroxyl components comprising 0 wt-% to 20 wt-% of at least one diol and 80 wt-% to 100 wt-% of at least one polyol having 3 to 6 hydroxyl groups,

(a2) carboxyl components comprising 0 wt-% to 20 wt-% of at least one monocarboxylic acid and 80 wt-% to 100 wt-% of at least one dicarboxylic acid, and optionally

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(a3) at least one hydroxycarboxylic acid component,
the sum of the percentages by weight of components (a) to (c), of components (a1) and of components (a2) being 100% in each case.

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